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Patent

Docket No.: 54389USA8A.005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:
Shunsuke Takaki and Toshihiro Suwa

Serial No.: Unknown
Filed: Unknown
For: ELECTRODES

Group Art Unit:

Examiner:

PRELIMINARY AMENDMENT

Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Please amend the above-identified application as follows:

In the claims:

Please cancel claims 1-17 and substitute therefor the following claims:

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18. An electrode adapted for attachment to an adherend comprising:
- (a) an electrode support having a first and a second opposed surface,
 - (b) a conductor supported by the electrode support, and
 - (c) a conductive adhesive layer comprising a hydrophilic phase and a hydrophobic phase that is disposed upon a major portion of the first, opposed surface of the electrode support and the conductor,
- wherein at least a portion of the conductive adhesive layer is hot-pressed to enhance the adhesion strength of the portion to an adherend.

19. An electrode according to claim 18, wherein the conductor is either in the form of a layer of conductive material disposed upon at least a portion of the first, opposed surface of the electrode support, or, the conductor is in the form a conductive stud that passes through a portion of the first, opposed surface of the electrode support and completely through the electrode support to project below the second, opposed surface of the electrode support.